

40/4

6-11-03

P. G.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*In re Application of:*

Vaughan, et al.

Serial No.: 08/877,684

Filed: June 17, 1997

Title: Supported Late Transition Metal Catalyst Systems

**BEFORE THE EXAMINER:**

James W. Pasterczyk

Group Art Unit No.: 1755

Attorney Docket No.: 96B035/2

Baytown, Texas

June 6, 2003

Assistant Commissioner for Patents and Trademarks  
Washington, D.C. 20231

**FAX RECEIVED**

JUN 09 2003

TC 1700

RESPONSE UNDER 37 C.F.R. § 1.116

Sir:

In response to the Office Action mailed April 16, 2003, Applicant offers the following claim clarifications and remarks.

*Do Not  
Enter  
JG  
7/11/03*

IN THE CLAIMS

Please amend the claims as follows. A marked-up version of the claims is attached in APPENDIX A: "CLAIMS MARKED-UP TO SHOW CHANGES MADE".

1. (Amended Six Times) A transition metal catalyst system for olefin polymerization comprising:

I) a Group-9, -10 or -11 metal connected to a bidentate ligand represented by the formula:  
LMX, wherein:

(a) M is a Group 9, 10 or 11 metal;

(b) L is a bidentate ligand defined by the formula: